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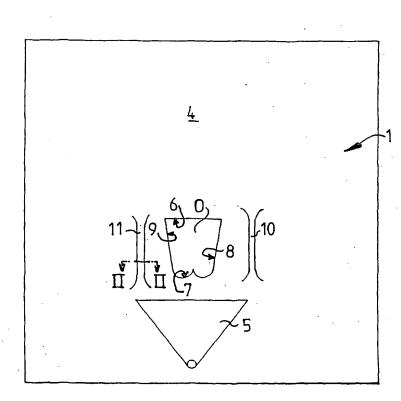
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(54) Title: DRAPE PRODUCT FOR SURGICAL INTERVENTIONS



The present invention (57) Abstract: relates to a drape product for surgical interventions, comprising an opening (0) intended to be arranged around an operating site on a patient, which drape product, during use, forms a barrier between the operating site and that part of a patient's body lying outside the operating site. The drape product comprises at least one member (10, 11) for receiving and/or securing sutures or the like, through which member a suture or the like can be passed without damaging or destroying the barrier between the operating site (0) and that part of a patient's body lying outside the operating site.

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## INTERNATIONAL SEARCH REPORT

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|  |  | PC1/3E 200  | 47 000043 |  |  |  |  |  |  |
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| A. CLASSIFICATION OF SUBJECT MATTER  |  |   |           |  |  |  |  |  |  |
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| B. FIELDS SEARCHED   |  |   |           |  |  |  |  |  |  |
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| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  |  |   |           |  |  |  |  |  |  |
| SE,DK,FI,NO classes as above   |  |   |           |  |  |  |  |  |  |
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|  |  |   |           |  |  |  |  |  |  |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT   |  |   |           |  |  |  |  |  |  |
| Category*  | Category* Citation of document, with indication, where appropriate, of the relevant passages                                   |   |           |  |  |  |  |  |  |
| Α  | US 4570628 A (RICHARD M. NEAL),<br>(18.02.1986), claim 1, fig.   | 1-8   |           |  |  |  |  |  |  |
|  | <del></del> .  |   |           |  |  |  |  |  |  |
| Α.   | US 5813408 A (THEODORE V. BENDER<br>29 Sept 1998 (29.09.1998), f   | 1-8   |           |  |  |  |  |  |  |
|  |  |   |           |  |  |  |  |  |  |
| A  | US 6269815 B1 (JERALD T. JASCOME<br>(07.08.2001), abstract, fig.   | 1-8   |           |  |  |  |  |  |  |
|  | <del></del>  | •   |           |  |  |  |  |  |  |
| A  | US 5709220 A (ROBERT E. KELLAN), (20.01.1998), column 6, line fig.   | 1-8   |           |  |  |  |  |  |  |
|  | =-   |   | }         |  |  |  |  |  |  |
|  |  |   |           |  |  |  |  |  |  |
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|  | ent published prior to the international filing date but later than writy date claimed   | being obvious to a person skilled in "&" document member of the same pater  | the art   |  |  |  |  |  |  |
|  | e actual completion of the international search  | ate of mailing of the international search report   |           |  |  |  |  |  |  |
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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000849

|    |         |    | . ,        |  |  |   |
|----|---------|----|------------|--|--|---|
| us | 4570628 | A  | 18/02/1986 | NONE   |  |   |
| US | 5813408 | A  | 29/09/1998 | US US AT A C C C D D K P P P E S E G P P P P P S US U | 5749884 A 6001104 A 6056688 A 6077216 A 163528 T 176998 T 3974193 A 2139550 A,C 2181673 A,C 2181674 A 69317276 D,T 69323779 D,T 740925 T 0633748 A,B 0734687 A 0740925 T3 2128811 T 3030302 T 2961139 B 3192147 B 7505322 T 9248305 A 9248306 A 5439467 A 5611515 A 5746763 A 5766221 A 5836314 A 5836315 A 5842478 A 5842478 A 5840425 A 5938686 A 6500194 B 2002005204 A 9319678 A 5544664 A 5582188 A 5620012 A 9319715 A | 12/05/1998 14/12/1999 02/05/2000 20/06/2000 15/03/1998 15/03/1999 08/11/1993 04/10/1993 04/10/1993 23/07/1998 30/09/1999 04/10/1995 02/10/1996 06/11/1996 06/11/1996 16/05/1999 30/09/1999 12/10/1999 12/10/1999 23/07/2001 15/06/1995 22/09/1997 22/09/1997 08/08/1995 18/03/1997 05/05/1998 16/06/1998 17/11/1998 17/11/1998 17/11/1998 17/11/1998 17/11/1998 17/11/1998 17/01/2002 14/10/1993 13/08/1996 15/04/1997 10/06/1993 |
| US | 6269815 | B1 | 07/08/2001 | AU<br>AU<br>BR<br>CN<br>DE<br>EP<br>JP<br>KR<br>US<br>US<br>WO<br>ZA                   | 722232 B<br>4166897 A<br>9713310 A<br>1228688 A<br>69719519 D,T<br>0923351 A,B<br>2000517215 T<br>2000035938 A<br>5778889 A<br>6129085 A<br>9808457 A<br>9707607 A   | 27/07/2000<br>19/03/1998<br>01/02/2000<br>15/09/1999<br>24/12/2003<br>23/06/1999<br>26/12/2000<br>26/06/2000<br>14/07/1998<br>10/10/2000<br>05/03/1998<br>23/02/1998  |

## INTERNATIONAL SEARCH REPORT

International application No. PCT/SE 2004/000849

US 5709220 A 20/01/1998 US 5361780 A 08/11/1994

Form PCT/ISA/210 (patent family annex) (January 2004)